



PATENT
ATTORNEY DOCKET 053529-5005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inter Application of:

Karl NOCKA *et al.*

Application No. 10/005,907

Filed: December 7, 2001

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Group Art Unit: 1645

Examiner: Unassigned

For: NOVEL GENES ASSOCIATED WITH ALLERGIC HYPERSENSITIVITY
AND MAST CELL ACTIVATION

BOX MISSING PARTS

Commissioner for Patents
Washington, D.C. 20231

SUBMISSION OF SUBSTITUTE DRAWINGS

Filed herewith are twenty-nine (29) sheets of substitute patent drawings in compliance with 37 CFR 1.84.

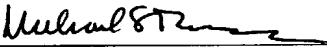
It is requested that these drawings be approved and made part of the official record in the above-identified patent application.

If there are any fees due in connection with the filing of these drawings, please charge the fees to our Deposit Account No. 50-0310. If a fee is required for an extension of time under 37 C.F.R. 1.136 not accounted for above, such an extension is requested and the fee should also be charged to our Deposit Account.

Respectfully submitted,

MORGAN, LEWIS & BOCKIUS LLP

Date: July 23, 2002



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Reg. No. 43,210

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FIG. 1





FIG. 2

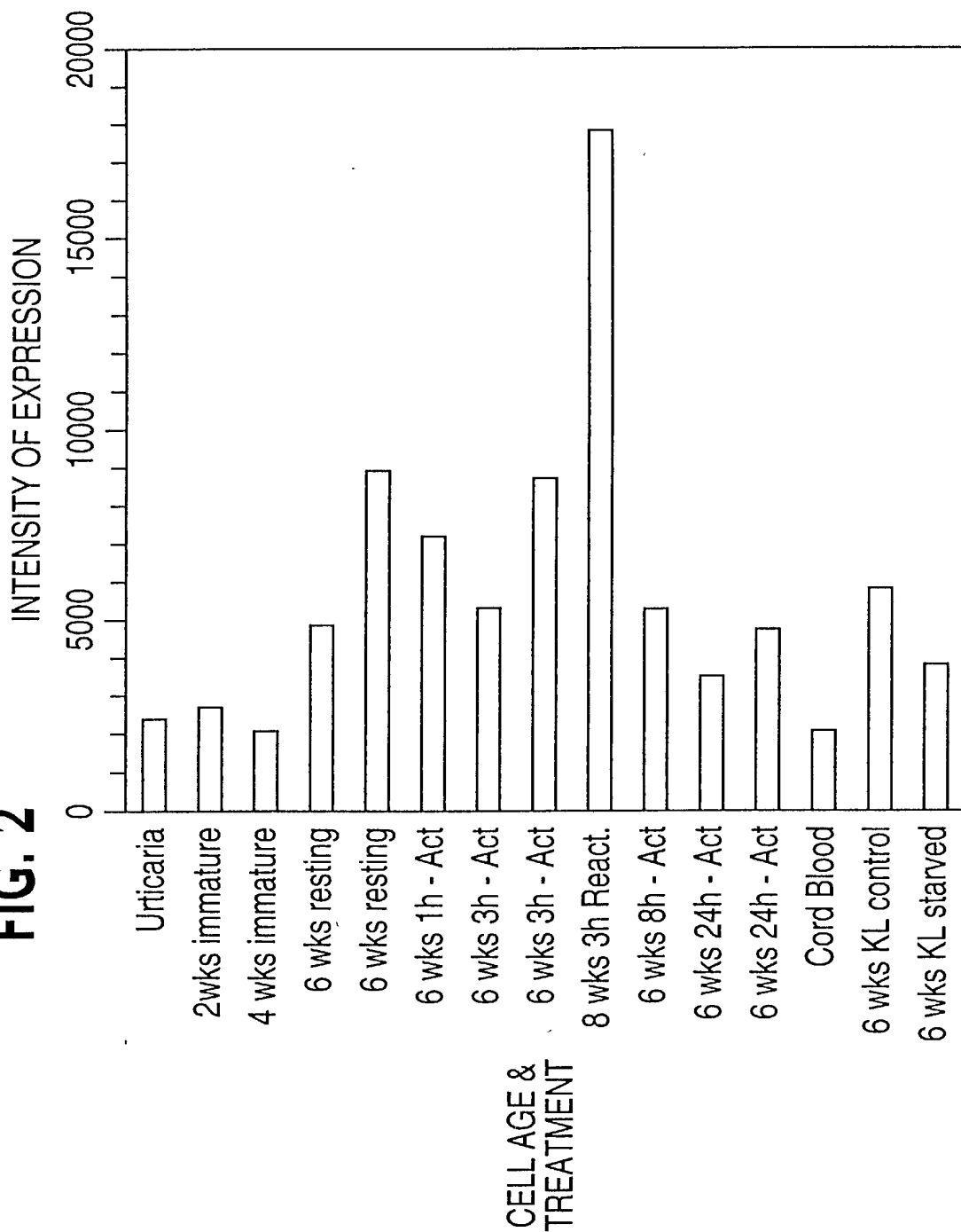




FIG. 3A

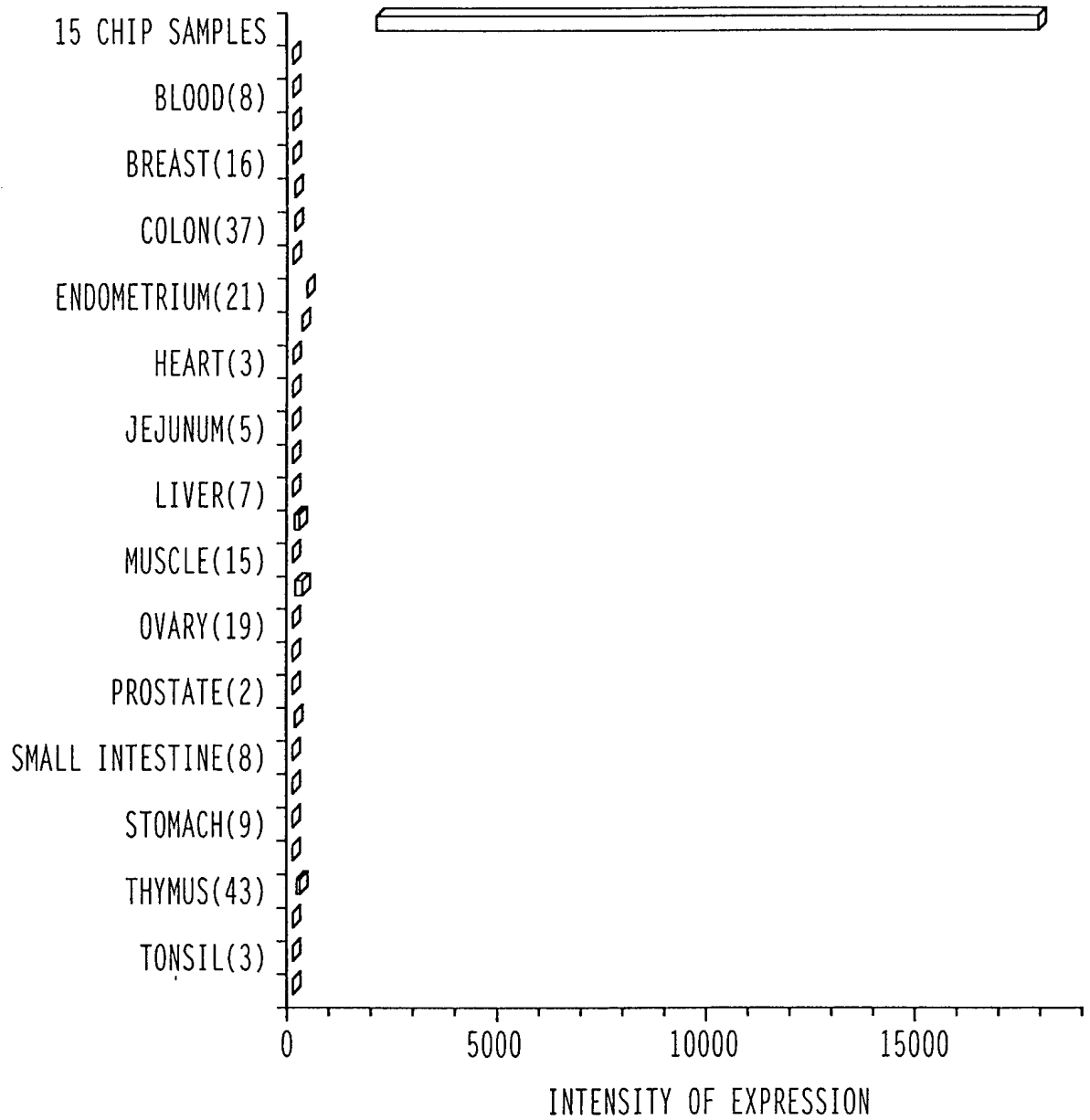




FIG. 3B

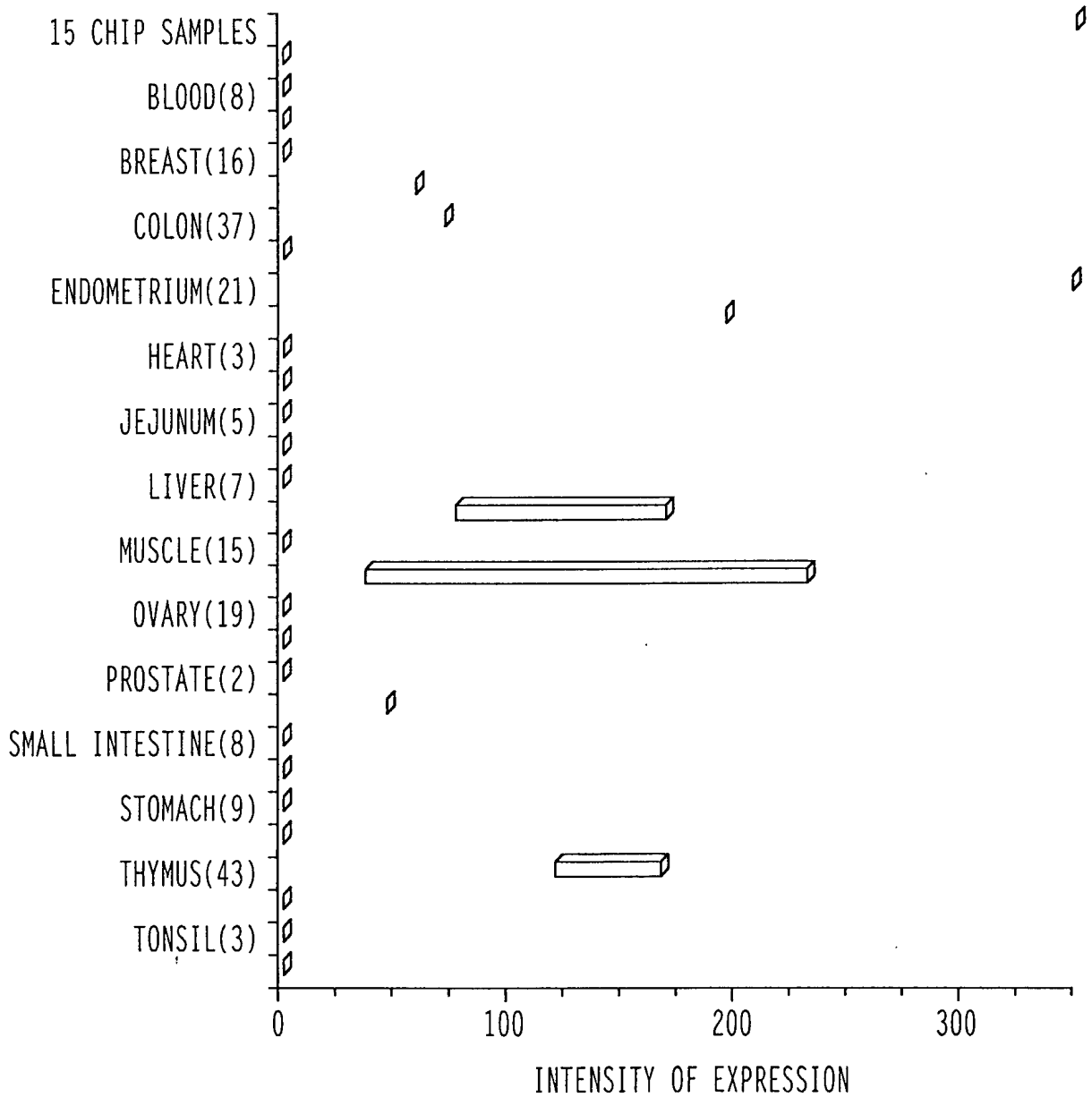
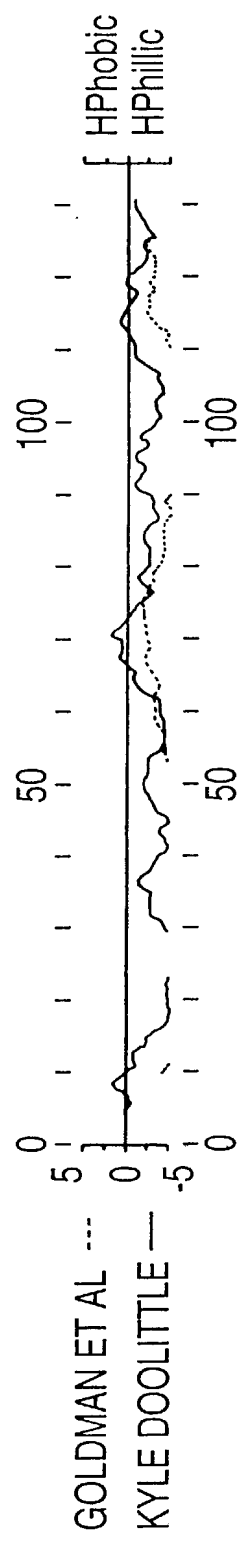




FIG. 4

PEPLOT OF: aa447527. pep ck: 3357, 1 TO 135
AA447527 AA447527



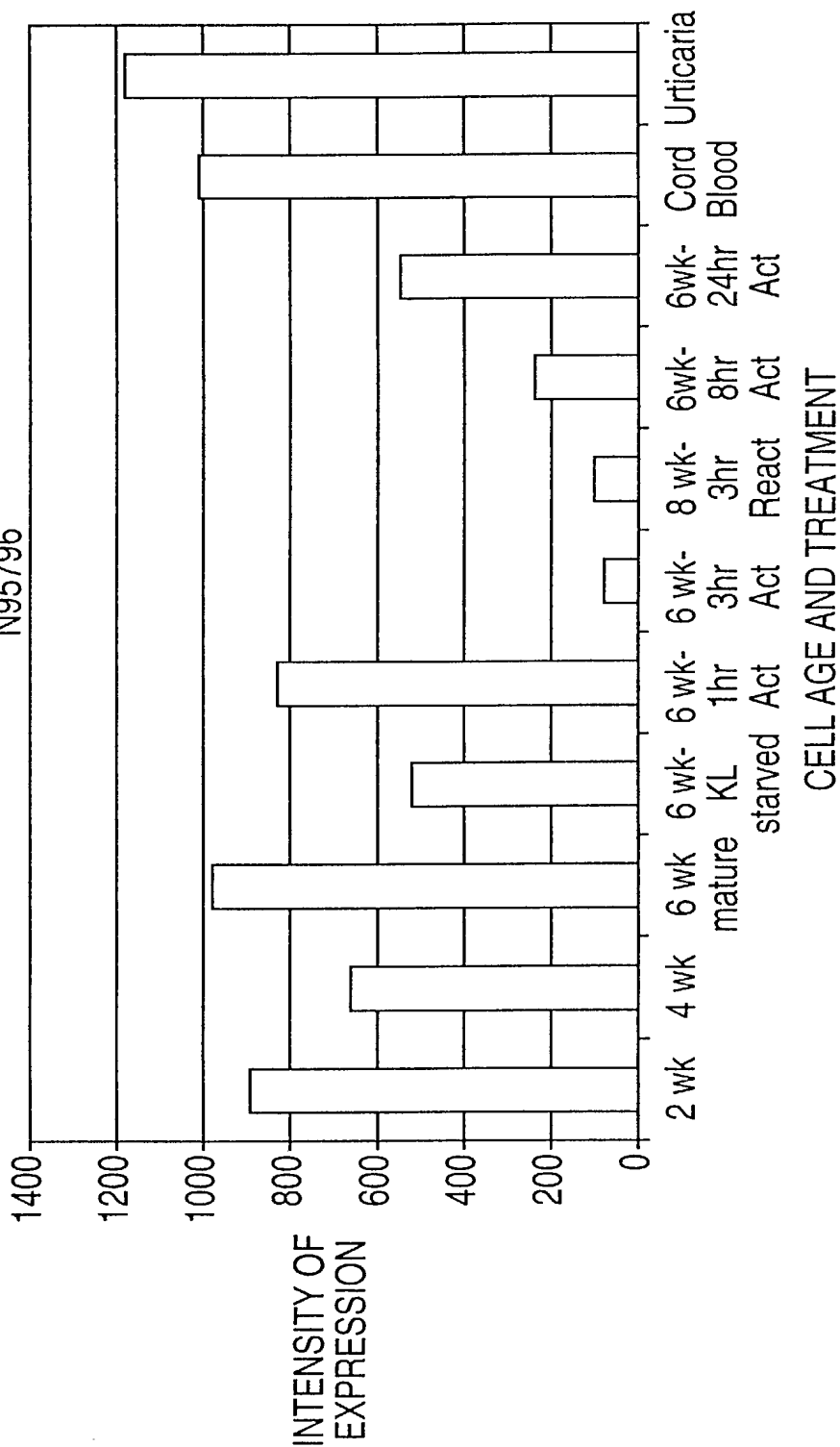
10005907, 427302



FIG. 5

42K AFFYMETRIX GENE CHIP EXPRESSION

N95796



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FIG. 6

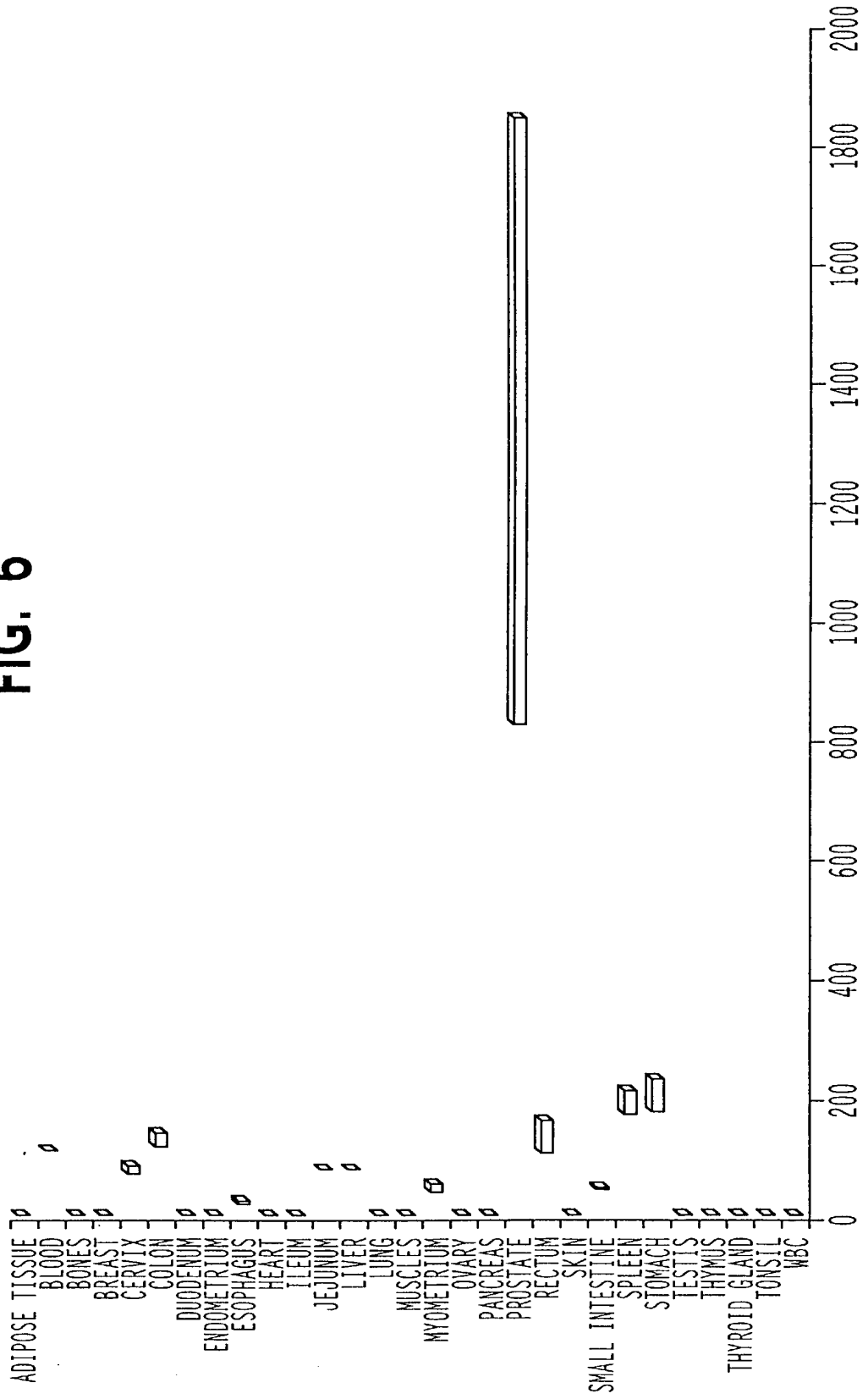
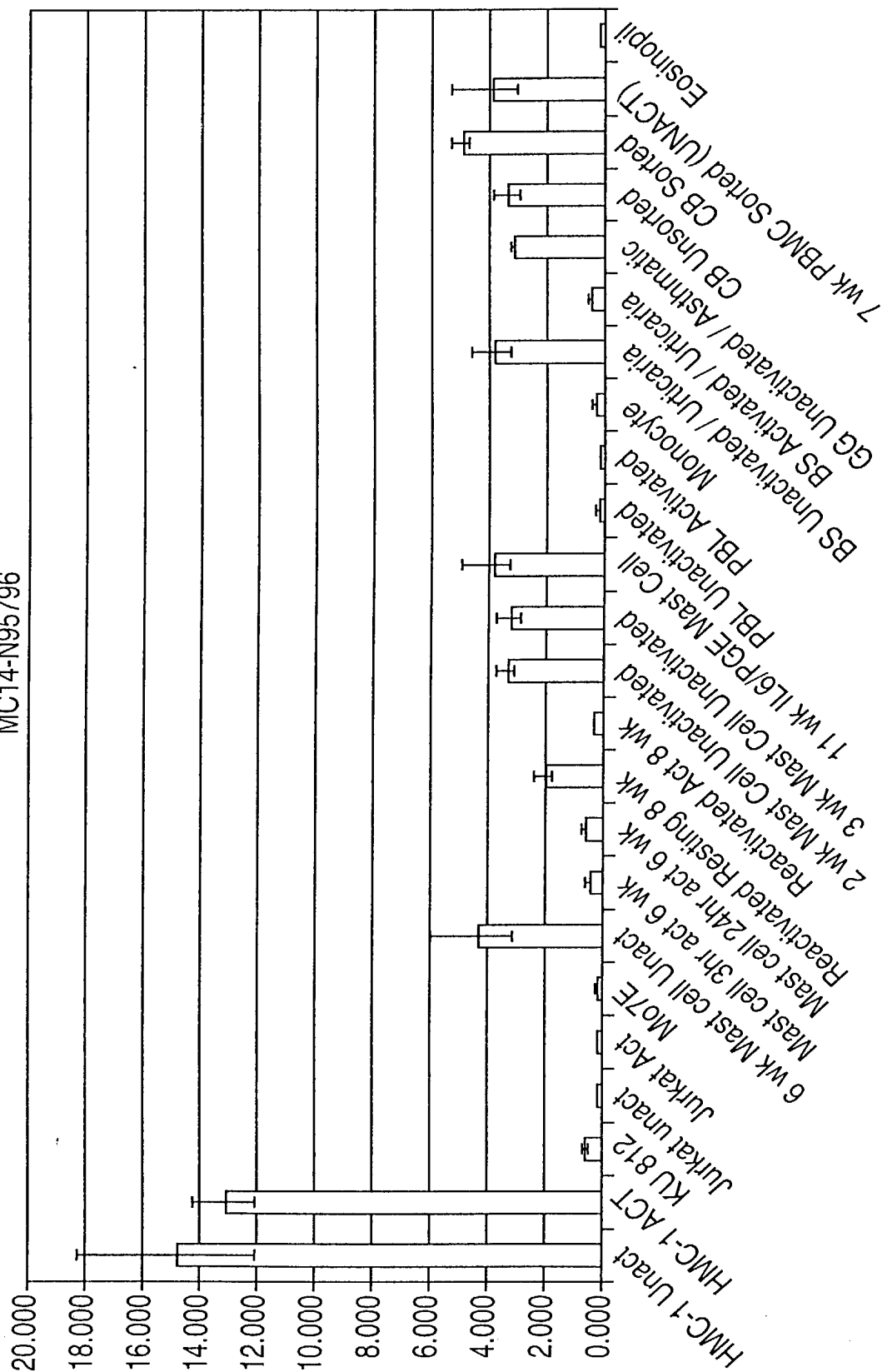




FIG. 7

QRT-PCR
MC14-N95796

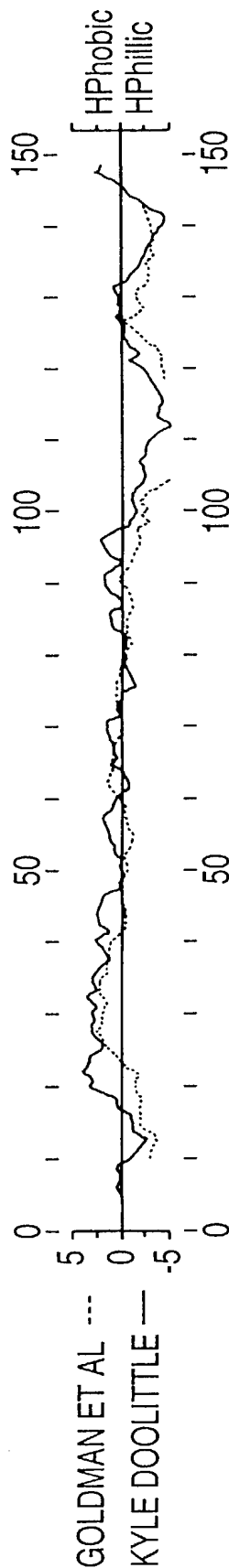


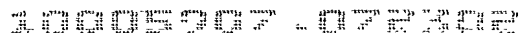


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FIG. 8

PEPLOT OF: N95796_bf10_ORF.pep ck: 1 TO 151
TRANSLATE OF: bf10.seq CHECK: 555 FROM: 294 TO: 746





**9
G.
F.**

PEPLOT OF: N95796_bf10_ORF2. pep ck: 344, 1 TO 327
TRANSLATE OF: bf10.seq CHECK: 555 FROM: 1238 TO: 2218

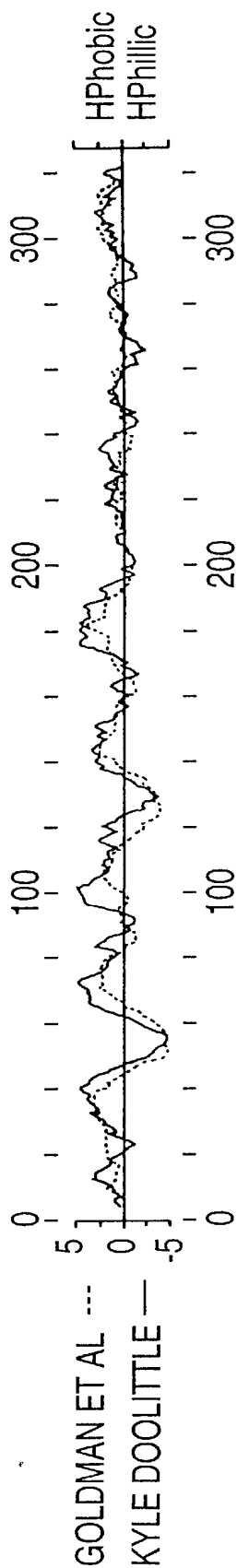




FIG. 10

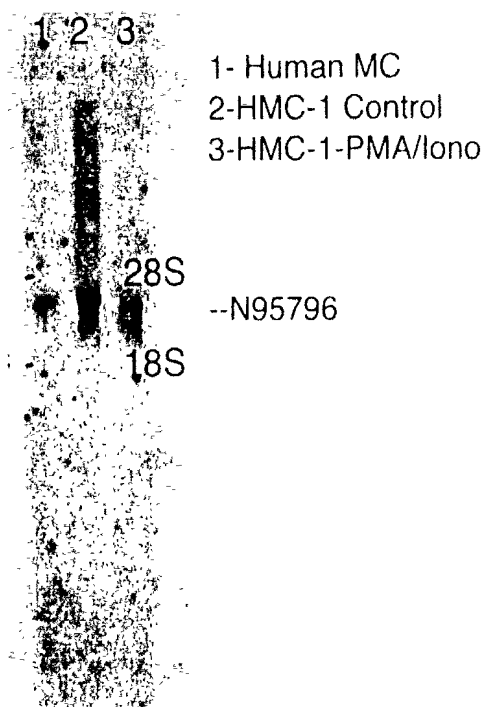
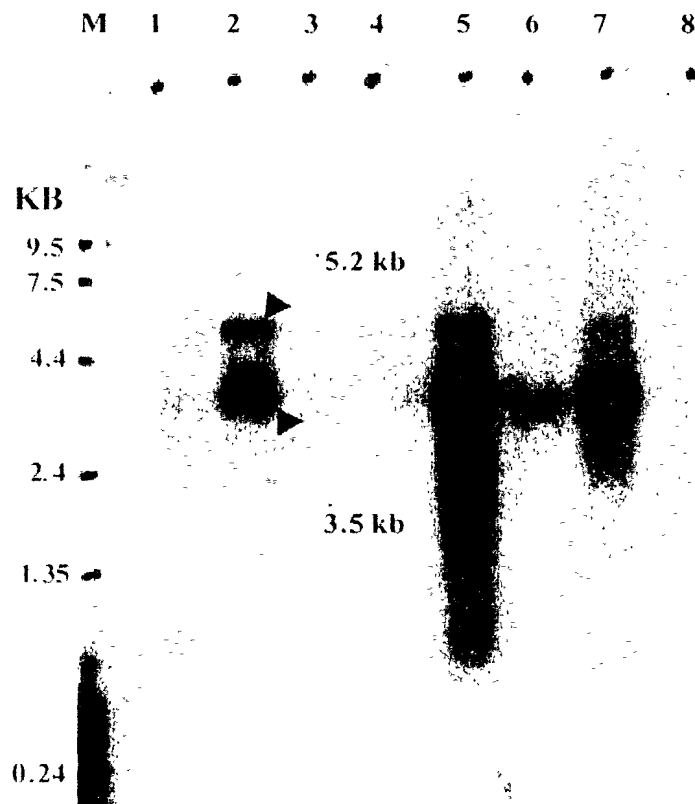




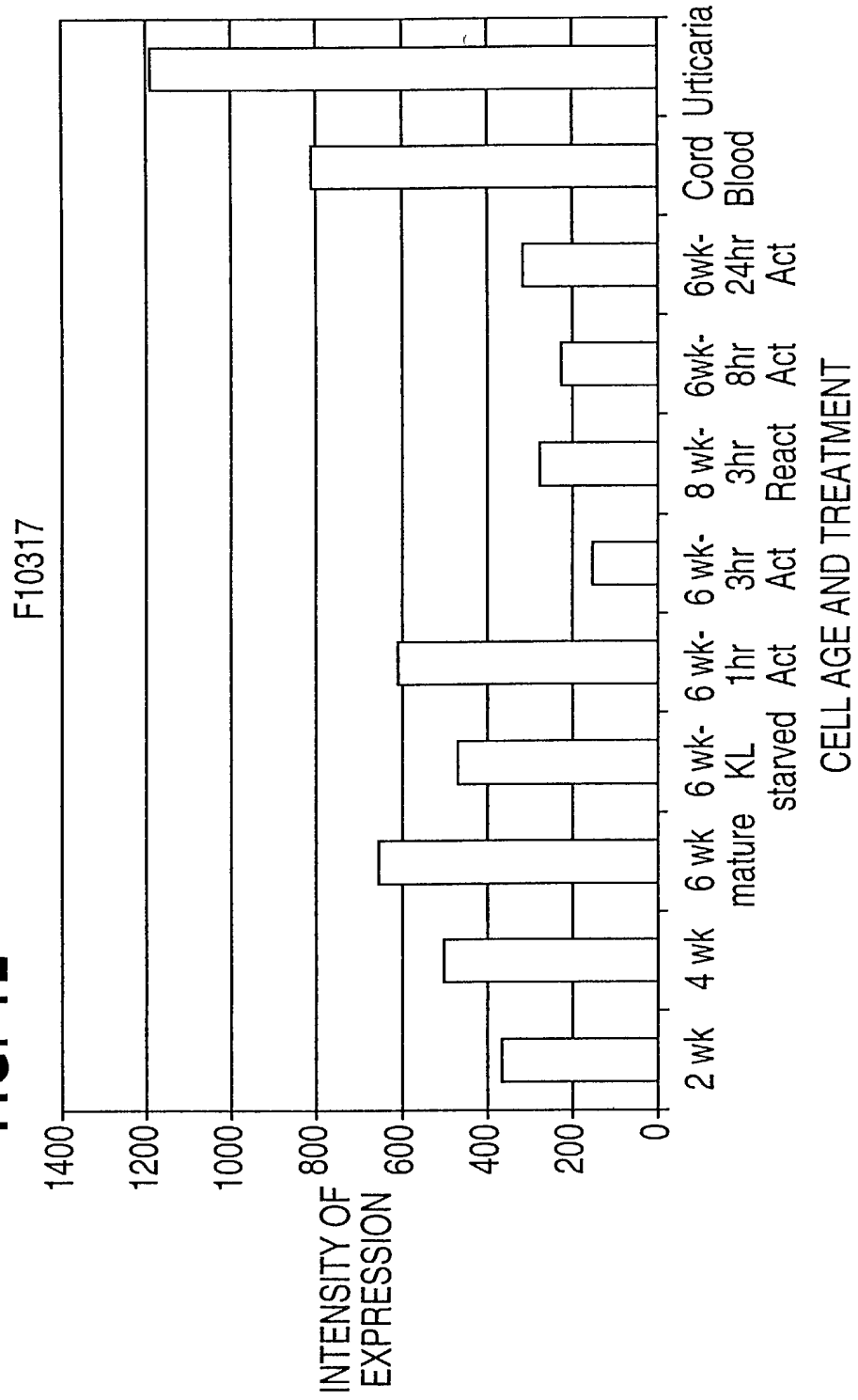
FIG. 11





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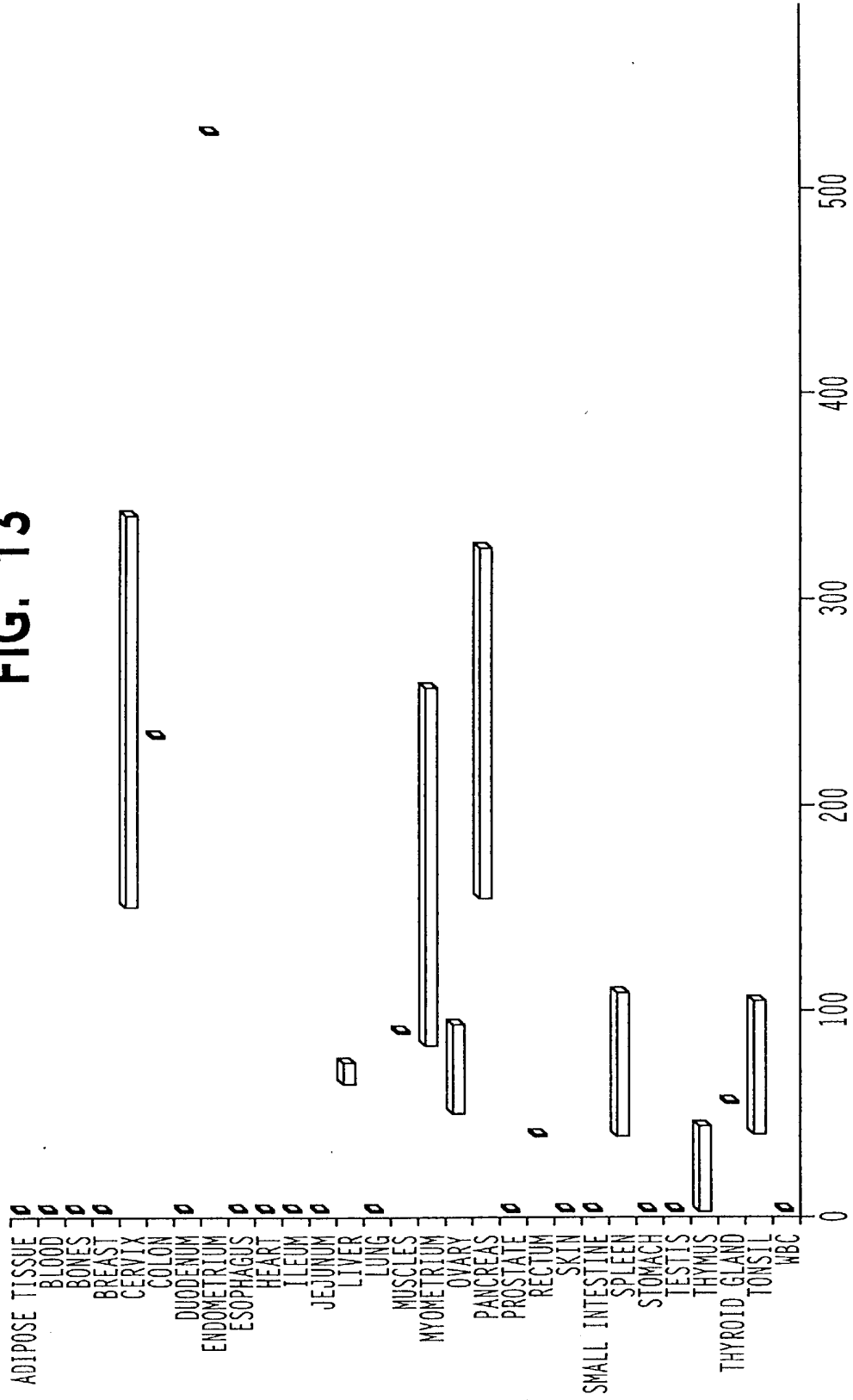
FIG. 12





10005507 . 02P302

FIG. 13





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FIG. 14

RT-PCR
F10317

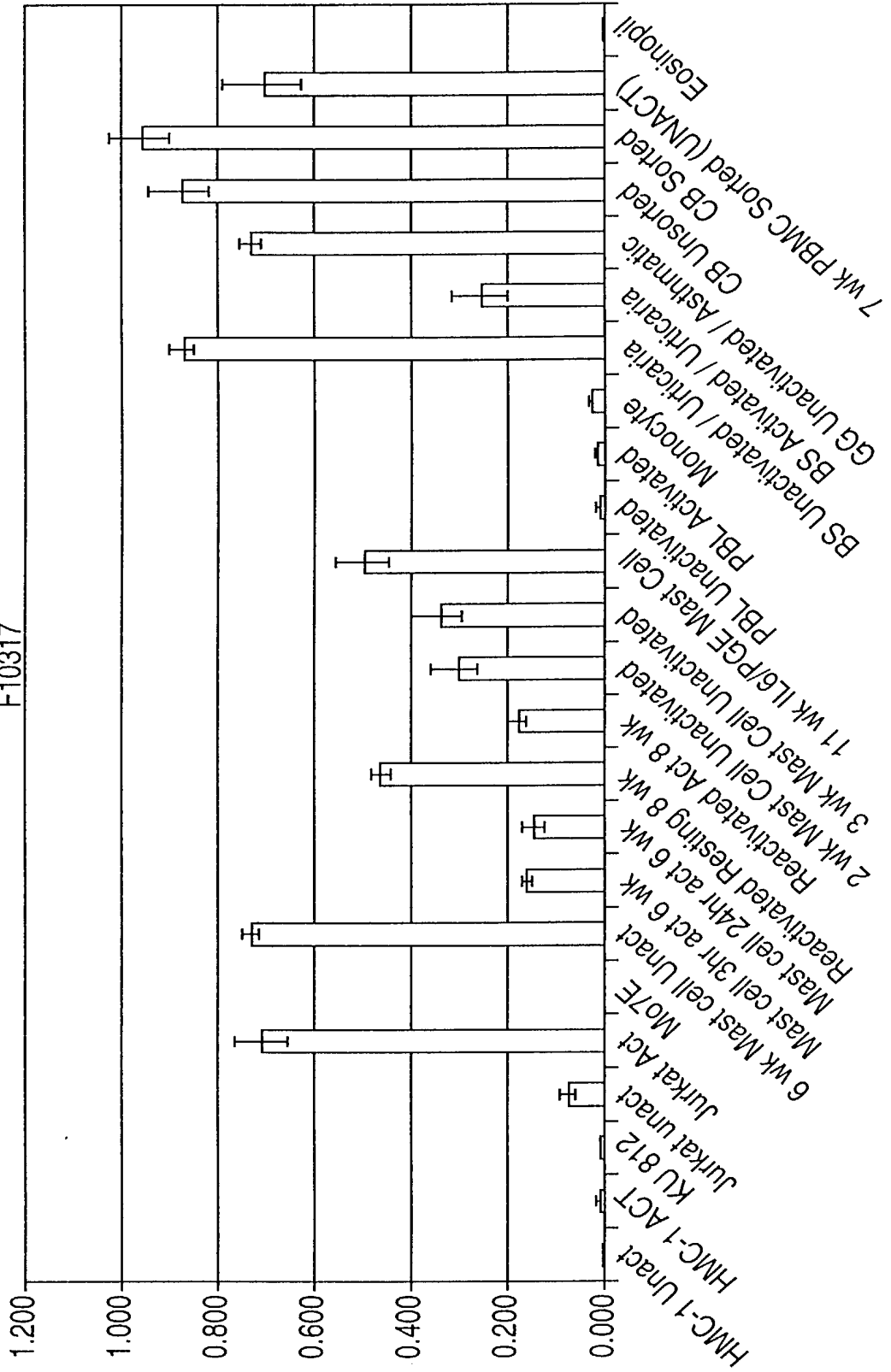




FIG. 15

PEPLOT OF: f10317f1orf. pep ck: 8507, 1 TO 525
TRANSLATE OF: f10317f1orf.seq CHECK: 7415 FROM: 1 TO: 1575

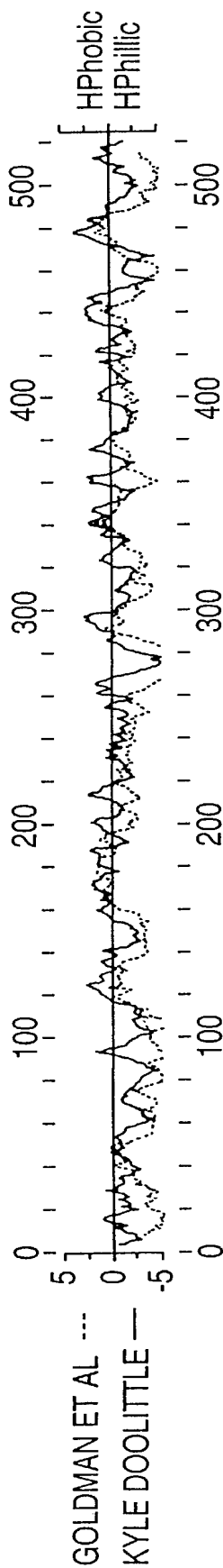




FIG. 16

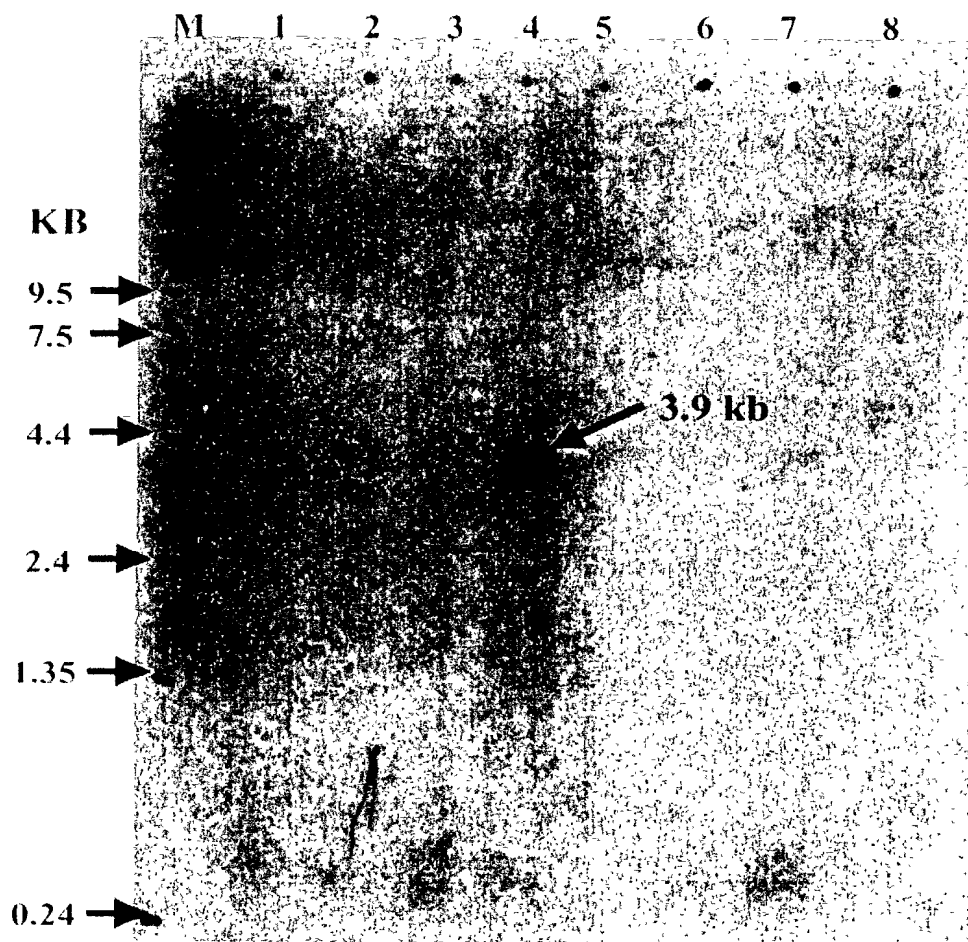




FIG. 17

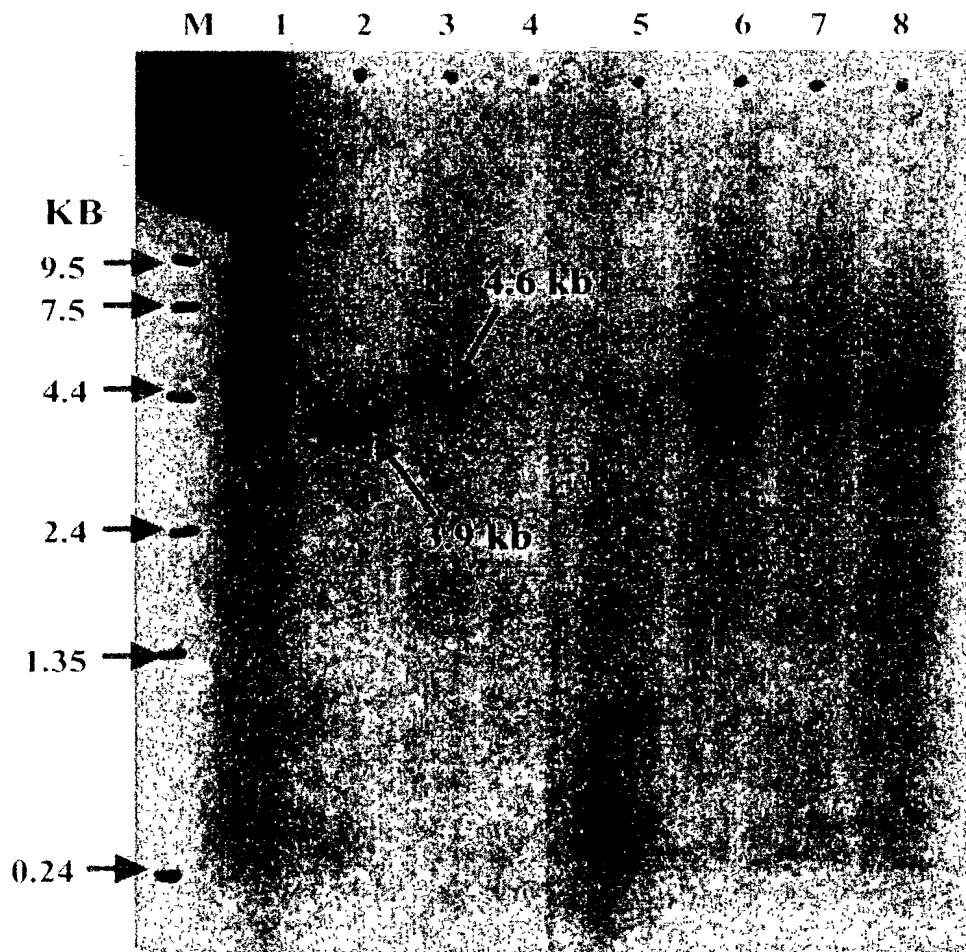




FIG. 18

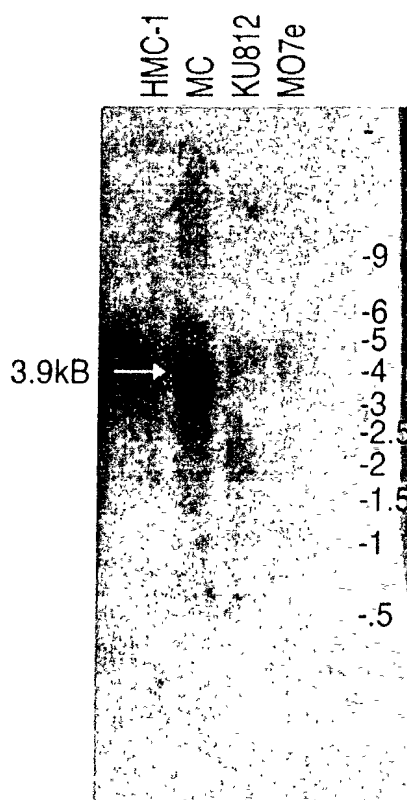
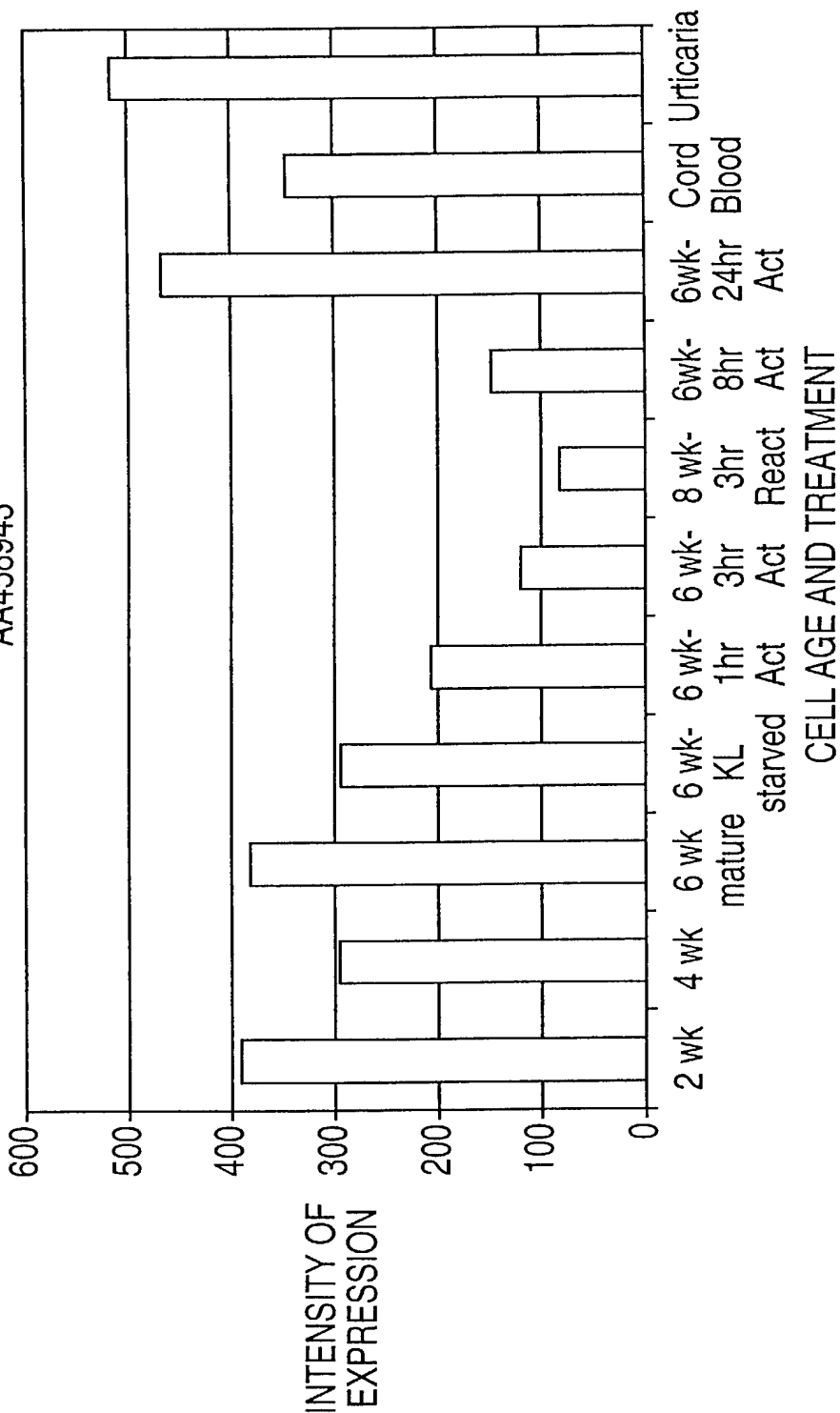




FIG. 19
42K AFFYMETRIX GENE CHIP EXPRESSION
AA458943



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10005967, 074302

FIG. 20

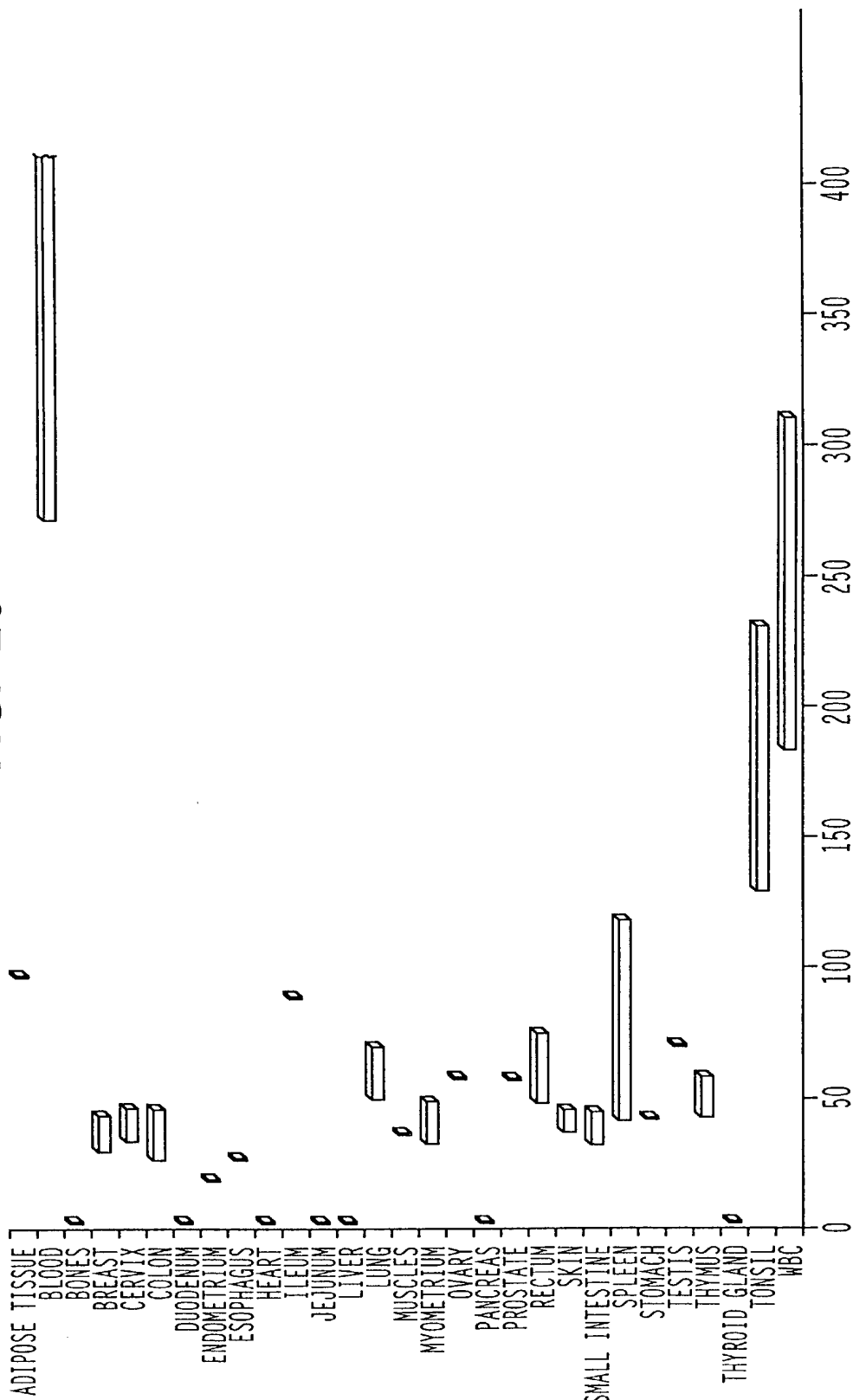
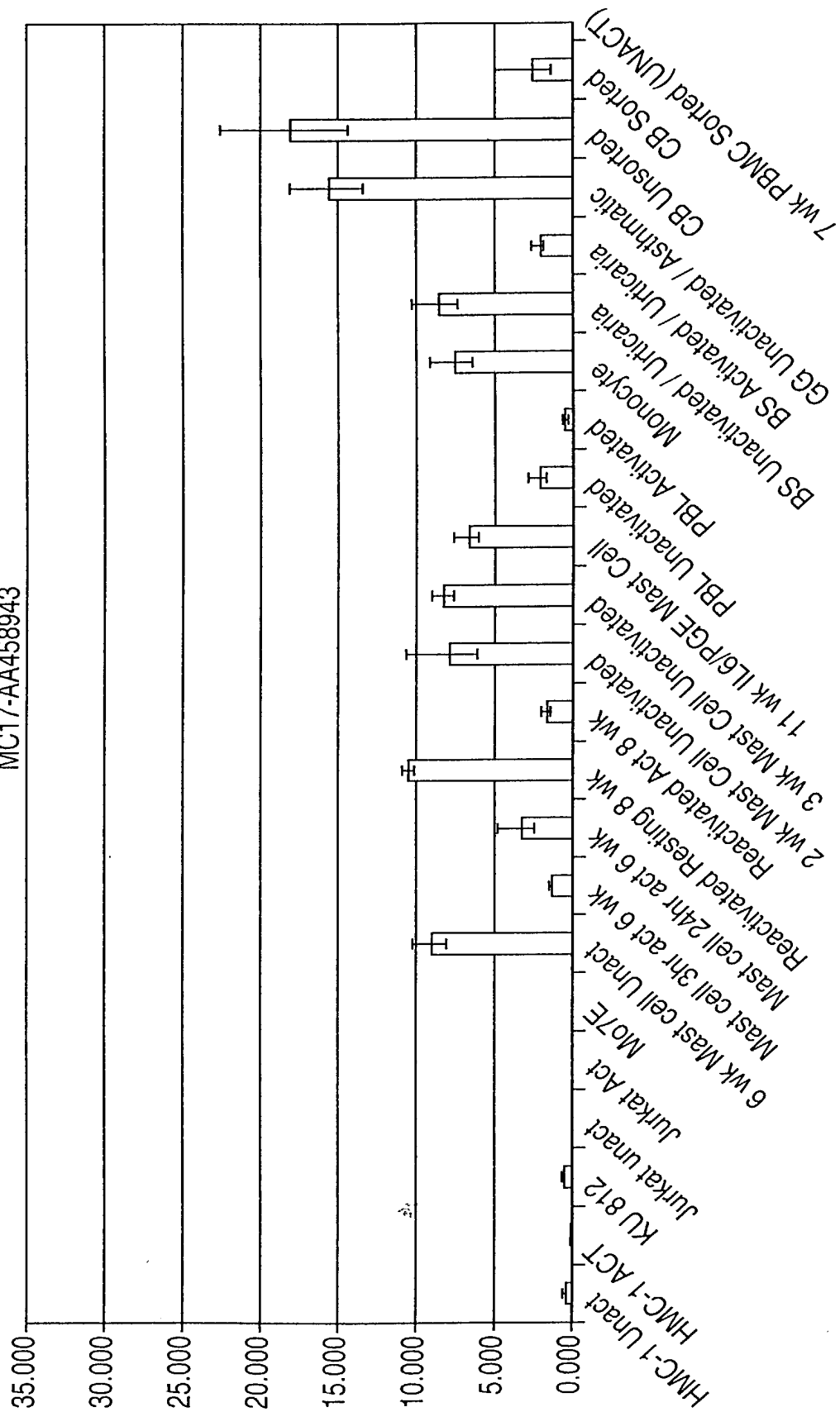




FIG. 21

QRTPCR
MC17-AA458943





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FIG. 22

PEPLOT OF: aa458943_ac1ORF1.pep ck: 9507, 1 TO 158
TRANSLATE OF: aa458943_ac1.seq CHECK: 3127 FROM: 162 TO: 635

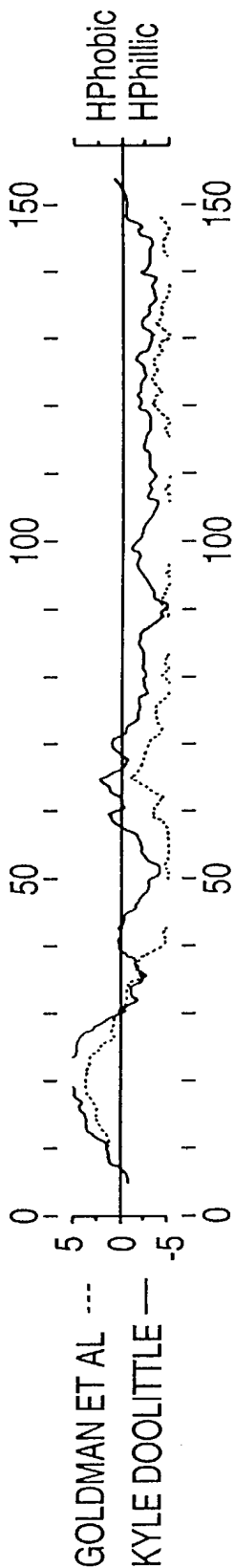




FIG. 23

PEPLOT OF: aa458943_ac1ORF2.pep ck: 9434, 1 TO 93

TRANSLATE OF: aa458943_ac1.seq CHECK: 3127 FROM: 373 TO: 651

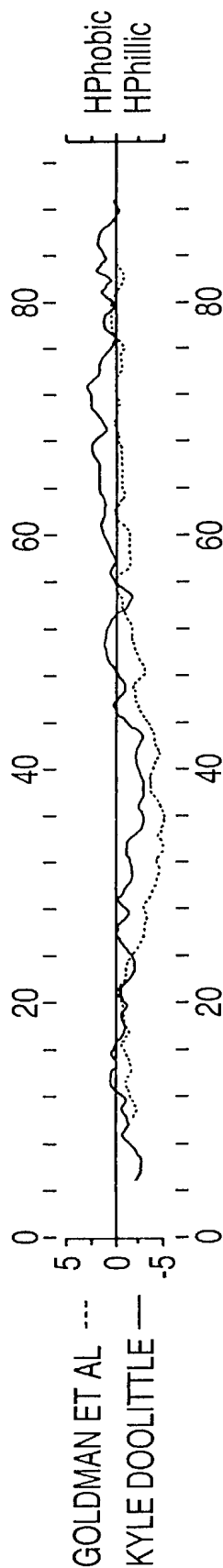




FIG. 24

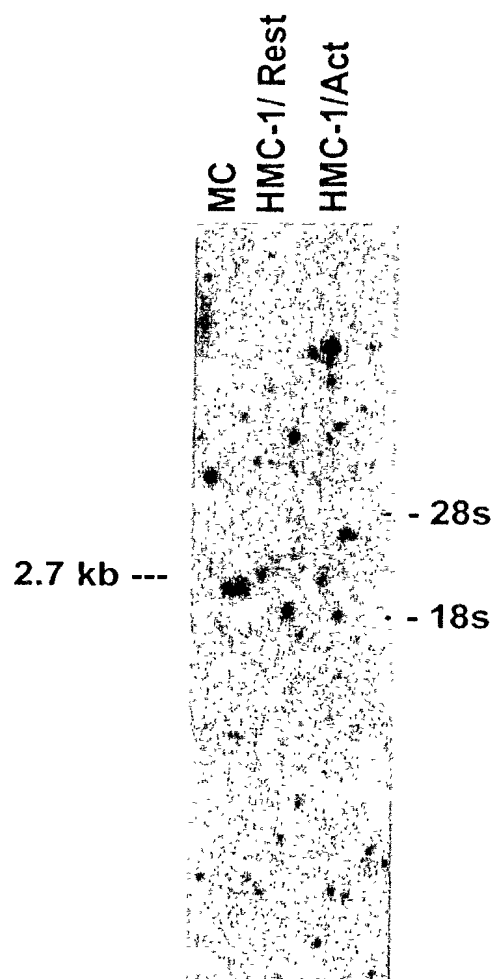




FIG. 25

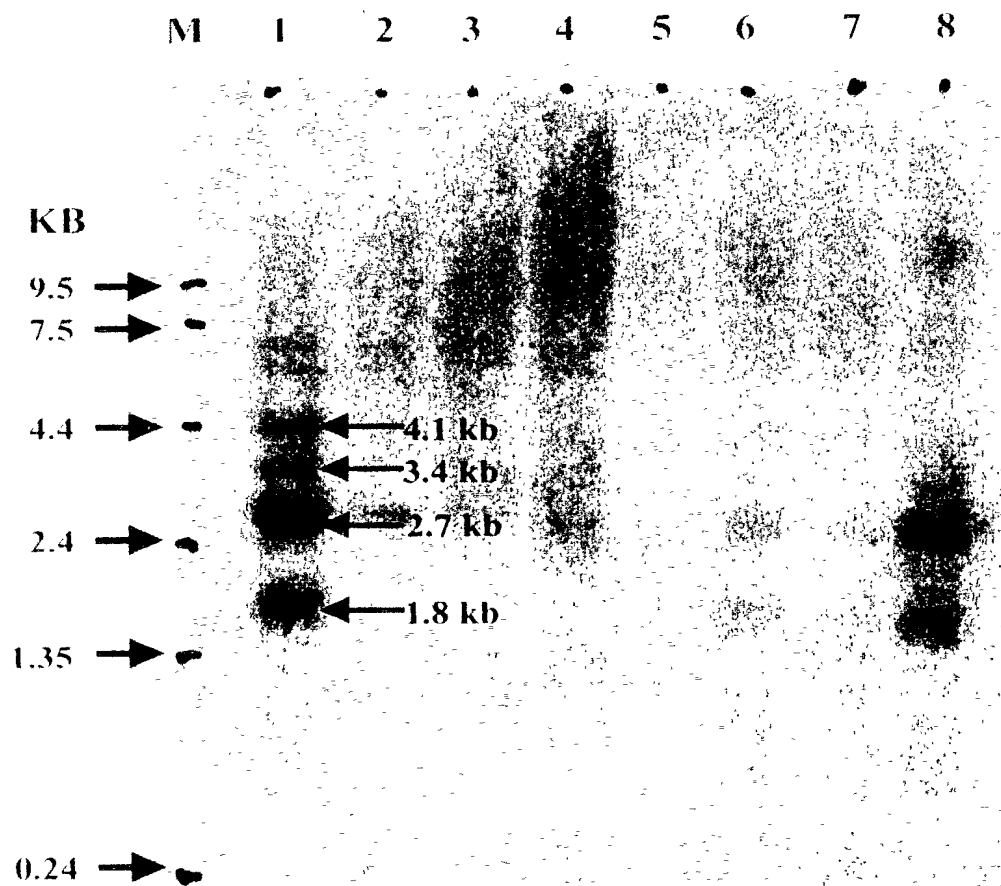




FIG. 26

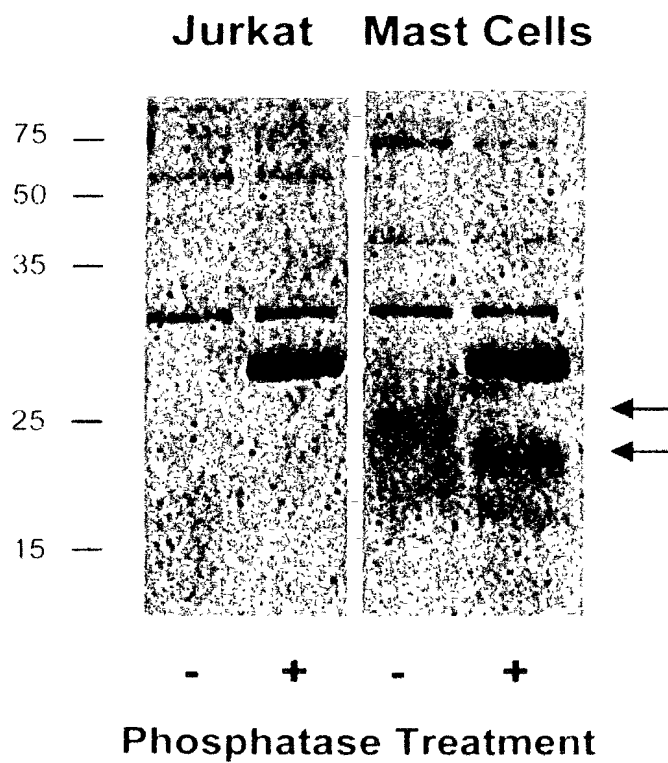
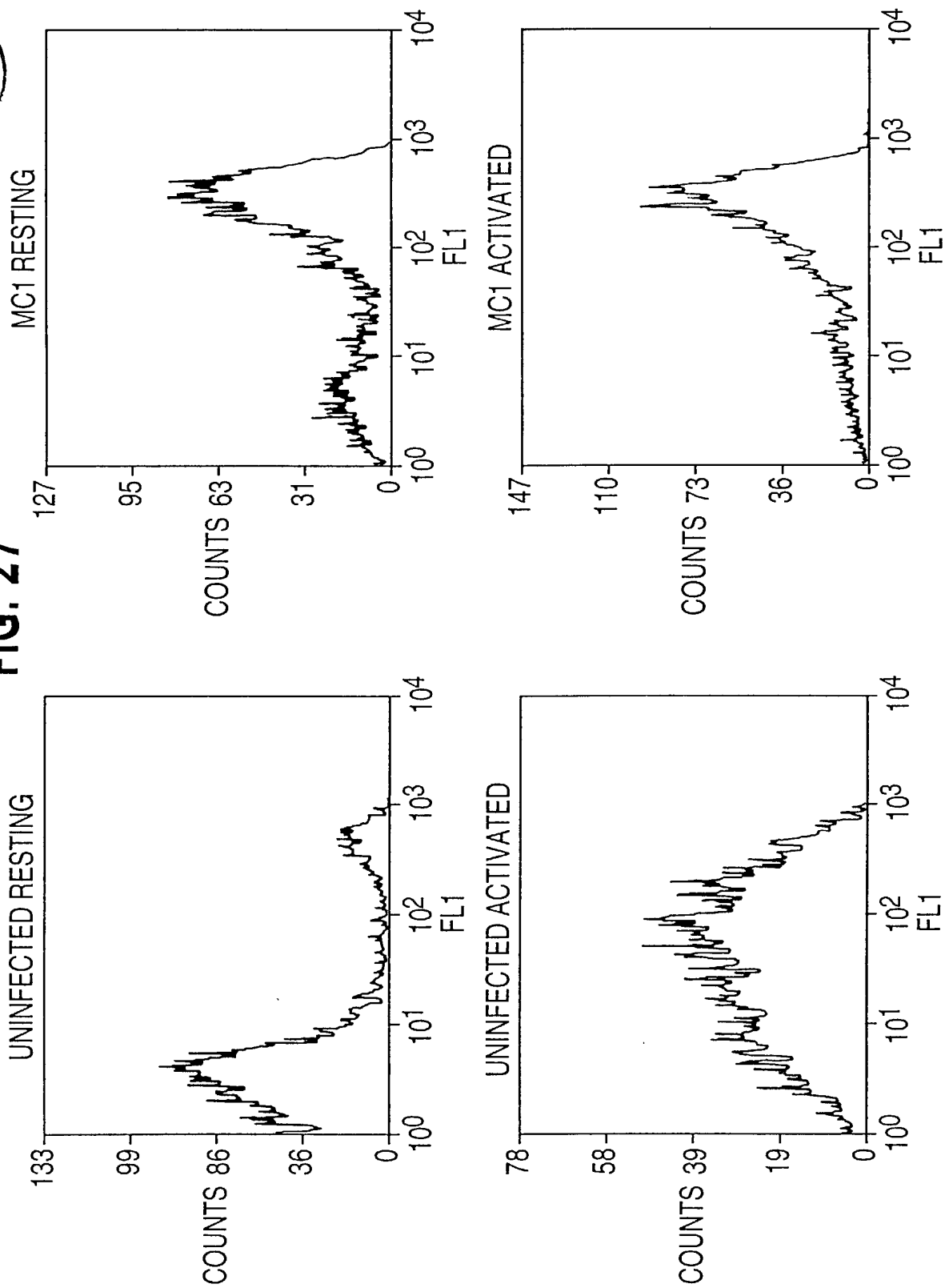




FIG. 27



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FIG. 28

